

INTERNATIONAL SEARCH REPORT

Intern. Application No
PCT/DK2005/000206

A. CLASSIFICATION OF SUBJECT MATTER B05D7/24		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) B05D		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, CHEM ABS Data, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 101 38 696 A (SCHOTT GLAS) 6 March 2003 (2003-03-06) paragraph [0013]; claims -----	1,11,20
P,X	US 2004/063336 A1 (HENDRICKS NEIL H) 1 April 2004 (2004-04-01) paragraphs [0042], [0043]; claims & WO 2004/032192 A (ADVANCED TECHNOLOGY MATERIALS, INC) 15 April 2004 (2004-04-15) -----	1,11,20
A	EP 1 282 175 A (FUJI PHOTO FILM CO LTD) 5 February 2003 (2003-02-05) paragraph [0194] -----	1,11,20
A	US 6 329 024 B1 (TIMMONS RICHARD B ET AL) 11 December 2001 (2001-12-11) cited in the application claims; examples -----	1,11,20
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "Z" document member of the same patent family		
Date of the actual completion of the international search 7 June 2005		Date of mailing of the international search report 09-01-2006
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Stembrouck, I

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☒ Claims Nos.: 2-7, 12-17, 22, 23
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-27

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 219

Continuation of Box II.2

Claims Nos.: 2-7,12-17,22, 23

Present claims 1 and 11 relate to an extremely large number of possible compounds. Support within the meaning of Article 84 EPC and/or disclosure within the meaning of Article 83 EPC is to be found, however, for only a very small proportion of the compounds used for the method claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible.

Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds:

1,3-benzodioxole
1,4-benzodioxane
3,4-ethylenedioxythiophene
and the substituted compounds of those 3.

As claims 8-10 are dependant from claims 1, the scope of claims 8-10 has been consequently limited.

As claims 18 and 19 are dependant from claims 11, the scope of claims 18 and 19 has been consequently limited.

Present claims 20 relate to an extremely large number of possible compounds. Support within the meaning of Article 84 EPC and/or disclosure within the meaning of Article 83 EPC is to be found, however, for only a very small proportion of the compounds used for the method claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible.

Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds:

1,3-benzodioxole
1,4-benzodioxane
3,4-ethylenedioxythiophene
and the substituted compounds of those 3.

It is also clear from the description and examples that the fact that the material is plasma polymerised is an essential feature, therefore, claim 20 has consequently been restricted according to the characterisation of claim 23:

"wherein said polymeric material is a plasma polymerised material"

As claims 24-26 are dependant from claim 20, the scope of claims 24-26 has been consequently limited.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-27

a method for coating a substrate through plasma polymerisation

2. claims: 28-39

a method for the preparation of a layer of an electrically conducting material on at least a part of the surface of a substrate

3. claims: 40-49

a process of lift-off microstructuring of a polymer on a substrate

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2005/000206

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10138696	A	06-03-2003	CN 1538883 A	20-10-2004
			WO 03013738 A2	20-02-2003
			EP 1412101 A2	28-04-2004
			US 2004245667 A1	09-12-2004

US 2004063336	A1	01-04-2004	AU 2003275278 A1	23-04-2004
			WO 2004032192 A2	15-04-2004

WO 2004032192	A	15-04-2004	AU 2003275278 A1	23-04-2004
			US 2004063336 A1	01-04-2004

EP 1282175	A	05-02-2003	US 2003068581 A1	10-04-2003

US 6329024	B1	11-12-2001	US 2003113477 A1	19-06-2003

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